MOTORCYCLE SAFETY FOUNDATION

CYCLE SAFETY INFO

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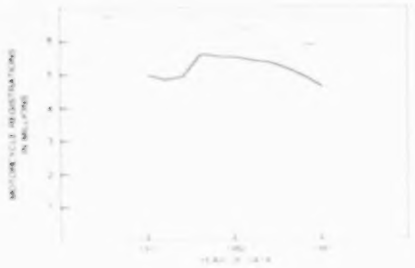
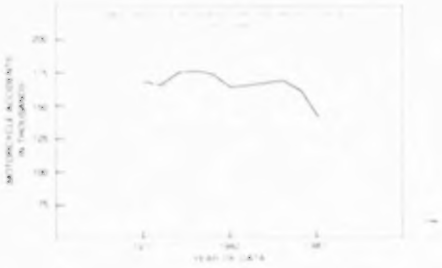
MOTORCYCLE STATISTICS — 1987

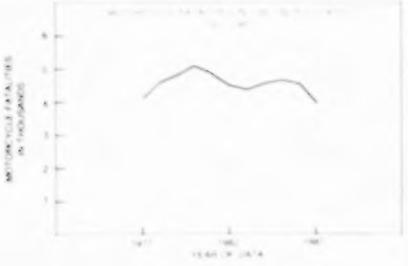
Decreases in both U.S. motorcycle accidents and motorcycle fatalities occurred in 1987 compared to 1986. Accidents decreased by 12.2% and fatalities by 12.3%. This downward trend in motorcycle accidents and fatalities has continued since 1980, except for minor increases during 1983-1985. Statistics are obtained directly from all 50 states and the District of Columbia. Estimates are based on historical trends when figures are not available.

In 1987, there were 143,365 reported motorcycle accidents and 3,951 fatalities compared to 163,382 accidents and 4,505 fatalities in 1986.

The ratio of motorcycle accidents per 10,000 registered motorcycles was 303.11, a decrease of 6.8% from 1986. The ratio of fatalities per 10,000 registrations was 8.35, declining 6.9% from 1986. The ratio of fatalities per 100 accidents remained stable from 1986 to 1987 at 2.76.







For 1987, the number of registered motorcycles in the United States was 4,729,890 — a drop of 5.8% from 1986. Motorcycle registrations, which have decreased each of the last 7 years, are 16.7% below their peak of 1980.

ABOUT THE DATA

In making use of these data, keep in mind that some figures are MSF estimates, since some states did not have accident figures available. Figures provided by the states may include vehicles other than motorcycles, such as mopeds and off-highway vehicles. Also, the vehicle types that are included in registration totals may not be comparable to those included in accident and fatality reports for each state. Criteria for reporting accidents to the police also varies from state to state. Accidents with only minor property damage and those occurring on non-public or private property often are not reported.

ACCIDENT REDUCTION MEASURES

The Motorcycle Safety Foundation, National Highway Traffic and Safety Administration and American Motorcyclist Association support the concepts of motorcycle rider education and quality licensing programs as motorcycle accident countermeasures. All three organizations also recommend the use of helmets and other protective clothing to reduce injuries when an accident does occur.

In recent years, AMA, NHTSA and MSF have been involved in projects to educate motorcyclists on the risks of alcohol and drug use when operating a motorcycle. MSF is distributing a video on motorcycling and alcohol use called "Riding Straight" to interested schools, community groups and recreational facilities on a free-loan basis. Write to MSF to obtain a list of other motorcycle safety videos available through the free-loan program.

In 1987, over 71,000 people throughout the United States completed novice and experienced rider education courses that met or exceeded MSF curriculum requirements. Approximately 48,000 students trained were civilian and 23,000 military. Over 640,000 students have been trained in MSF recognized rider education courses since the program's inception in 1973.

An increasing number of states have adopted improved motorcycle licensing programs. To date, MSF has provided technical assistance in licensing improvements to all 50 states and the District of Columbia.

The Motorcycle Safety Foundation's purpose is improving the safety of motorcyclists on the nation's streets and highways. In an attempt to reduce motorcycle accidents and injuries, the Foundation has programs in rider education, licensing improvement, public information and research. These programs are designed for both motorcyclists and motorists. MSF, a national, nonprofit organization, is sponsored by five motorcycle manufacturers: Honda, Yamaha, Kawasaki, Suzuki, and BMW.

1987 NATIONAL AND STATE MOTORCYCLE STATISTICS

State Data — 1987	Registrations	Reported Accidents	Accidents Per 10,000 Registrations	Fatalities	Fatalities Per 10,000 Registrations	Fatalities Per 100 Accidents
Alabama (1,9,15,20,22,26)	57,241	1,786	312.01	39	6.81	2.18
Alaska (1,3,7,11,16,21,22,26)	13,273	202	152.19	1	0.75	0.50
Arizona (1,3-5,7,8,10,12,16,21,22,26)	76,741	4,860*	633.30	91	11.86	1.87
Arkansas (1,7,9,10,12,15,21,22,26)	20,048	1,243	620.01	46	22.94	3.70
California (1,7,8,14,21,22,27)	685,679	27,693	403.88	744	10.85	2.69
Colorado (1,7,8,14,21,22,27)	113,126	2,276	201.19	62	5.48	2.72
Connecticut (1,7,8,17,21,22,27)	63,613	2,246	353.07	65	10.22	2.89
Delaware (1,7,15,21,22,27)	8,056	315	391.01	14	17.38	4.44
District of Col. (1,3,7-9,15,21,24,27)	2,200	400*	1,818.18	4	18.18	1.00
Florida (1,3,7,18,21,22,27)	211,163	9,248	437.96	235	11.13	2.54
Georgia (1-4,7,15,21,22,27)	79,887	2,587	323.83	63	7.89	2.44
Hawaii (1,7,15,21,22,27)	12,065	470*	389.56	13	10.77	2.77
Idaho (1,7,11,15,21,22,27)	41,712	629	150.80	27	6.47	4.29
Illinois (1,3,7-10,12,15,21,23,27)	242,000*	7,629	315.25	165	6.82	2.16
Indiana (1,7,11,14,21,22,26)	104,578	3,808	364.13	131	12.53	3.44
Iowa (1,7,16,21,22,27)	163,521	1,743	106.59	57	3.49	3.27
Kansas (1,3,4,7-10,16,21,22,26)	69,532	1,534	220.62	42	6.04	2.74
Kentucky (1,2,7-10,14,21,22,27)	35,435	1,482	418.23	40	11.29	2.70
Louisiana (1,3,7-10,14,20,22,27)	93,352	1,564*	167.54	42	4.50	2.69
Maine (1,7-10,15,21,23,27)	37,676	912	242.06	21	5.57	2.30
Maryland (1,7,11,19,21,22,27)	58,188	2,328	400.08	63	10.83	2.71
Massachusetts (1,7,17,21,22,27)	66,366	1,959*	295.18	56	8.44	2.86
Michigan (1,2,7,14,21,22,27)	164,829*	4,946	300.07	103	6.25	2.08
Minnesota (1,7,8,16,21,22,27)	134,590	2,121	157.59	51	3.79	2.40
Mississippi (1,7,9,15,21,22,26)	16,795	649	386.42	30	17.86	4.62
Missouri (1,2,7,16,21,23,27)	88,917	2,042	229.65	54	6.07	2.64
Montana (1,2,7,8,16,21,22,27)	25,503	391	153.32	26	10.19	6.65
Nebraska (1,7,11,16,21,22,27)	31,511	979	310.69	31	9.84	3.17
Nevada (1,7,11,19,21,22,26)	21,248	782	368.03	24	11.30	3.07
New Hampshire (1,3,7-11,16,21,22,27)	29,463	764	259.31	24	8.15	3.14
New Jersey (1,7-10,16,21,22,26)	77,073	3,000*	389.24	49*	6.36	1.63
New Mexico (1,7-10,15,21,22,26)	40,127	1,576	392.75	37	9.22	2.35
New York (1,7,9,17,21,22,27)	207,524	6,915	333.21	182	8.77	2.63
North Carolina (1,7,16,21,24,26)	64,129	2,489	388.12	91	14.19	3.66
North Dakota (1,3,7,11,17,21,22,27)	32,152	264*	82.11	7	2.18	2.65
Ohio (1,7,8,19,21,22,27)	258,243	6,709	259.79	196	7.59	2.92
Oklahoma (1,3,7,15,21,22,27)	67,802	1,626	239.82	46	6.78	2.83
Oregon (1,7-10,16,21,24,27)	83,281	1,407	168.95	72	8.65	5.12
Pennsylvania (1,7,19,21,22,26)	183,130	4,337	236.83	150	8.19	3.46
Rhode Island (1,3,5,7,15,21,22,27)	29,354	375*	127.75	17	5.79	4.53
South Carolina (1,7,8,14,21,22,27)	34,220	1,908	557.57	56	16.36	2.94
South Dakota (1,2,4,7,8,10,17,21,22,27)	33,800	399	118.05	14	4.14	3.51
Tennessee (1,7,8,14,21,22,27)	114,071	2,800*	245.46	83	7.28	2.96
Texas (1,3,7,15,21,22,27)	225,997	8,382	370.89	286	12.66	3.41
Utah (1,3,7,10,16,21,24,27)	63,681	1,135	178.23	27	4.24	2.38
Vermont (1,3,4,7-10,16,21,24,27)	21,688	258	118.96	12	5.53	4.65
Virginia (1,7,19,21,23,28)	72,183	2,252	311.98	56	7.76	2.49
Washington (1,3,7-9,15,21,22,27)	124,215	3,379	272.03	90	7.25	2.66
West Virginia (1,7,15,21,24,27)	27,067	712	263.05	25	9.24	3.51
Wisconsin (1,7,16,21,24,27)	180,417	3,597	199.37	86	4.77	2.39
Wyoming (1,5,7,9,16,21,22,27)	21,428	261	121.80	5	2.33	1.92
National Data:						
1977	4,962,340	171,456	345.51	4,115	8.29	2.40
1982	5,578,859	165,689	296.99	4,540	8.13	2.74
1987	4,729,890	143,369	303.11	3,951	8.35	2.76

*Estimated

Footnotes

Registrations: (vehicle types included):
1. Street-legal motorcycles (on-highway and dual purpose)
2. Off-highway motorcycles
3. Mopeds and motorized bicycles (50cc or less)
4. 3 or 4-wheeled all-terrain vehicles (sometimes known as ATVs or ATCs)
5. Other types of vehicles
6. Description not available

Accidents: (vehicle types included):
7. Street-legal motorcycles (on-highway and dual purpose)
8. Off-highway motorcycles
9. Mopeds or motorized bicycles (50 cc or less)
10. 3 or 4-wheeled all-terrain vehicles (sometimes known as ATVs or ATCs)
11. Vehicle types 8 through 10 included only if accident or fatality occurs on public roads
12. Other types of vehicles
13. Description not available

Criteria for Reporting Accidents:
14. $0-$199 property damage threshold
15. $200-$399 property damage threshold
16. $400-$599 property damage threshold
17. $600-$1000 property damage threshold
18. When vehicle is towed
19. No description available

Accident Description:
20. Accident where motorcycle personal injury or fatality occurs. Property damage accidents not included
21. Accident where motorcycle property damage, personal injury or fatality occurs
22. Motorcycle-related accident occurring on public streets/highways only
23. Motorcycle-related accident occurring on nonpublic or public streets/highways
24. Motorcycle-related accident occurring on nonpublic or public streets/highways or in off-highway use
25. Other/Not available

Fatalities:
26. Total fatalities include motorcycle operators, passengers, and others (such as pedestrians) fatally injured in a motorcycle accident
27. Total fatalities include motorcycle operators and passengers fatally injured in a motorcycle accident
28. Total fatalities include motorcycle operators only
29. Other/not available